# Sony a (alpha) DSLR-A700K

Enjoy impressive wide-angle capability and midrange telephoto shots with the included SAL-1870 lens on your brand-new Sony a (alpha) DSLR-A700 camera. Broaden your horizons with emotional perspectives and let your creativity flow - with 12.2 megapixel resolution to capture the full imaging precision of Sony zoom lenses, Carl Zeiss lenses and legacy Minolta a-mount lenses. Quick response, creative style modes and high-speed shooting help you capture your creative vision, while Super SteadyShot image stabilization conveniently works with every lens. For improved picture quality and reduced blur, the Eye-Start g Autofocus system uses an 11-point center twin-cross AF sensor for phenomenal results. All of this combined with Sony's innovative Anti-Dust Technology and a rugged magnesium alloy body and you have the ultimate DSLR for serious photo enthusiasts and amateurs alike.

*www.dooyoo.co.uk :: Photography :: Digital Camera :: Sony a (alpha) DSLR-A700K*

| General | |
|---|---|
| Product Type | Digital camera - SLR |
| Width | 14.2 cm |
| Depth | 8 cm |
| Height | 10.5 cm |
| Weight | 0.69 kg |
| Enclosure Colour | Black |
| Body Material | Magnesium alloy |

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| Main Features | |
|---|---|
| Resolution | 12.24 Megapixel |
| Colour Support | Colour |
| Optical Sensor Type | Exmor CMOS |
| Total Pixels | 13,053,000 pixels |
| Effective Sensor Resolution | 12,246,000 pixels |
| Optical Sensor Size | 15.6 x 23.5mm |
| Field of View Crop Factor | 1.5 |
| Sensor Dust Reduction | Yes |
| Sensor Features | Anti-Dust technology |
| Light Sensitivity | ISO 100, ISO 800, ISO 400, ISO 200, ISO 160, ISO 1600, ISO 3200, ISO auto, ISO 4000, ISO 5000 |
| Shooting Modes | Landscape, portrait mode, night portrait, sunset |
| Special Effects | Black & White, Sepia, Neutral, Vivid, sunset, landscape, portrait, clear, deep, light, Night View, autumn leaves |
| Image Stabiliser | Optical (Super Steady Shot) |
| Max Shutter Speed | 1/8000 sec |
| Min Shutter Speed | 30 sec |
| X-sync Speed | 1/250sec |
| Exposure Metering | Multi-segment, centre-weighted, spot |
| Exposure Modes | Programme, bulb, automatic, manual, aperture-priority, shutter-priority |
| Exposure Range | EV 0-20 ( ISO 100 ) |
| Exposure Compensation | ±3 EV range, in 1/2 or 1/3 EV steps |
| Exposure Metering Zones | 40 |
| White Balance | Custom, automatic, presets |
| White Balance Presets | Fluorescent, cloudy, tungsten light, Flash, daylight, shade, 2500K - 9900K |
| White Balance Bracketing | Yes |
| Still Image Format | JPEG, RAW, RAW + JPEG |
| Continuous Shooting Speed | 3 frames per second, 5 frames per second |
| Remote Control | Remote control - infrared |

| Memory / Storage | |
|---|---|
| Supported Flash Memory | CompactFlash, Memory Stick Duo, Microdrive, Memory Stick PRO Duo, Memory Stick PRO-HG Duo |
| Image Storage | 4288 x 2856 ¦ 4272 x 2848 ¦ 3104 x 2064 ¦ 2128 x 1424 ¦ |

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| | |
|---|---|
| | 4272 x 2400 ¦ 3104 x 1744 ¦ 2128 x 1200 |

| Camera Flash | |
|---|---|
| Camera Flash | Flip-up |
| Guide Number (m / ISO 100) | 12 |
| Flash Modes | Fill-in mode, rear curtain sync, auto mode, flash OFF mode, red-eye reduction |
| Red Eye Reduction | Built-in |
| Features | AF illuminator, flash +/- compensation, wireless off-camer a control, flash exposure bracketing |

| Lens System | |
|---|---|
| Type | Zoom lens - 18 mm - 70 mm - f/3.5-5.6 DT |
| Focal Length | 18 mm - 70 mm |
| Focal Length Equivalent to 35mm Camera | 27 - 105mm |
| Focus Adjustment | Automatic, manual |
| Auto Focus | TTL phase detection |
| Auto Focus Points (Zones) | 11 |
| Min Focus Range | 38 cm |
| Max View Angle | 76 degree(s) |
| Lens Aperture | F/3.5-5.6 |
| Optical Zoom | 3.9 x |
| Zoom Adjustment | Manual |
| Lens Construction | 9 group(s) / 11 element(s) |
| Filter Size | 55 mm |
| Lens System Mounting | Minolta A-type |
| Features | ED glass, aspherical lens |

| Additional Features | |
|---|---|
| Self Timer | Yes |
| Self Timer Delay | 10 sec, 2sec |
| Flash Terminal | Hot shoe, PC terminal |
| Additional Features | Direct print, USB 2.0 compatibility, RGB primary colour filter, auto power save, digital noise reduction, DPOF support, display brightness control, depth-of-field preview button, sharpness control, PRINT Image Matching, PictBridge support, histogram display, AE lock, AF lock, saturation control, brightness control, contrast control, |

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| | |
|---|---|
| | Dynamic Range Optimizer, Eye-Start AF system |

| Viewfinder | |
|---|---|
| Viewfinder Type | Optical - fixed eye-level pentaprism |
| Field Coverage | 95% |
| Magnification | 0.9x |
| Dioptric Correction Range | -3 to +1 |
| Viewfinder Frames | Autofocus frame |

| Display | |
|---|---|
| Type | LCD display - TFT active matrix - 3" - colour |
| Display Form Factor | Built-in |
| Display Format | 921,600 pixels (640 x 480 x 3) |

| Connections | |
|---|---|
| Connector Type | 1 x HDMI output ¦ 1 x composite video output ¦ 1 x USB ¦ 1 x remote control ¦ 1 x DC power input |
| Expansion Slot(s) | 1 x CompactFlash Card - type I/II ¦ Memory Stick PRO Duo |

| Software | |
|---|---|
| Software | Drivers & Utilities, Sony Picture Motion Browser, Sony Image Data Converter SR, Sony Image Data Lightbox SR, Sony Remote Camera Control |

| System Requirements for PC Connection | |
|---|---|
| Operating System Support | MS Windows XP, MS Windows 2000, Apple MacOS X 10.1.3 or later, MS Windows Vista |
| Peripheral Devices | USB port, CD-ROM Drive |

| Miscellaneous | |
|---|---|
| Included Accessories | Eyepiece cover, lens hood, dust cap, body cap, lens cap, shoulder strap, shoe cap |
| Cables Included | Video cable ¦ USB cable |

| Power | |
|---|---|
| Power Device | Battery charger - external |

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| Battery | |
|---|---|
| Supported Battery | Sony NP-FM500H |
| Supported Battery Details | 1 x Li-ion rechargeable battery - 1650 mAh ( included ) |

| Manufacturer Warranty | |
|---|---|
| Service & Support | 1 year warranty |
| Service & Support Details | Limited warranty - 1 year |

| Environmental Parameters | |
|---|---|
| Min Operating Temperature | 0 °C |
| Max Operating Temperature | 40 °C |

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